

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Deodatta Vinayak SHENAI-KHATKHATE	08/23/2010
RECEIVING PARTY DATA	
Name:	Rohm and Haas Electronic Materials LLC
Street Address:	455 Forest Street
City:	Marlborough
State/Country:	MASSACHUSETTS
Postal Code:	01752
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12819935
CORRESPONDENCE DATA	
Fax Number:	(508)787-4730
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	508-229-7545
Email:	drivernider@dow.com
Correspondent Name:	S. Matthew Cairns Rohm and Haas Electron
Address Line 1:	Patent Department
Address Line 2:	455 Forest Street
Address Line 4:	Marlborough, MASSACHUSETTS 01752
ATTORNEY DOCKET NUMBER:	52919
NAME OF SUBMITTER:	S. Matthew Cairns
Total Attachments: 2 source=52919_ASSIGNMENT#page1.tif source=52919_ASSIGNMENT#page2.tif	

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ASSIGNMENT

WHEREAS, I, Deodatta Vinayak SHENAI-KHATHKATE of Danvers, Massachusetts (hereinafter referred to as "Assignor"), have invented certain new and useful improvements in "DOPING METHOD", for which an application for United States Letters Patent with the same title was filed with the United States Patent and Trademark Office on June 21, 2010 and assigned United States Patent Application Serial No. 12/819,935, which application corresponds to and claims priority of United States Provisional Application Serial No: 61/269,115, filed June 19, 2009; and

WHEREAS, Rohm and Haas Electronic Materials LLC, located at 455 Forest Street, Marlborough, Massachusetts 01752, (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for the above consideration, the Assignor has assigned and transferred, and does hereby assign and transfer to the Assignee, its successors and assigns, his entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

The Assignor also has assigned and transferred, and does hereby assign and transfer to the Assignee, its successors and assigns, his entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

The Assignor further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignor also hereby grants the Patent Law Department of Rohm and Haas Electronic Materials LLC the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be executed.

Effective from the date of: June 19, 2009.

Signature

Date

Deodatta Vinayak Shenai-Khatkhate

August 23, 2010

Deodatta Vinayak SHENAI-KHATKHATE